

IN THE CLAIMS

1-88 (canceled)

89. (new) A projectile comprising

a penetrating core having a front and a rear;

a fragmenting core having a front and a rear; and

a jacket having a rear;

wherein the rear of the jacket is in contact with the rear of the fragmenting core, wherein the rear of the penetrating core is in contact with the front of the fragmenting core; and wherein the penetrating and fragmenting cores are positioned within the jacket, and wherein the projectile is a fragmenting projectile.

90. (new) A projectile according to claim 89, wherein a front of said fragmenting core has a recess which is arranged centered on a midline of the projectile running parallel to a projectile longitudinal axis.

91. (new) A projectile according to claim 90, wherein said recess in said fragmenting core is conical, depression-shaped or bell-shaped.

92. (new) A projectile according to claim 91, wherein said recess in said fragmenting core is conical recess having a tip angle, wherein the tip angle of the conical recess is between 30° and 90°.

93. (new) A projectile according to claim 90, wherein a cavity adjoins said recess in said fragmenting core, which is arranged centered on the midline of the projectile.

94. (new) A projectile according to claim 93, wherein said cavity extends inwards for not more than $\frac{3}{4}$ of the length of said fragmenting core of the projectile.

95. (new) A projectile according to claim 90, wherein said recess in said fragmenting core is surrounded by a circular annular surface of the front of the fragmenting projectile and that

the circular annular surface is perpendicular to the midline of the partial fragmentation projectile.

96. (new) A projectile according to claim 89, wherein the shape of the rear of said penetrating core is matched to the respective shape of the recess of fragmenting core.

97. (new) A projectile according to claim 96, wherein the rear of said penetrating core is matched to the nose of said fragmenting core and is surrounded by a circular annular surface of the front of the fragmenting projectile and that this circular annular surface is perpendicular to the midline of the partial fragmentation projectile.

98. (new) A projectile according to claim 89, wherein said penetrating core is made of lead free materials.

99. (new) A projectile according to claim 98, wherein the nose of said penetrating core is designed as a flat head or with a hole at a tip of said penetrating core.

100. (new) A projectile according to claim 97, wherein the nose of said penetrating core is designed as a flat head or with a hole at a tip of said penetrating core.

101. (new) A projectile according to claim 89, wherein the projectile has a sharp edge.

102. (new) A projectile according to claim 101, wherein the sharp edge is formed by a crimping in the jacket of the projectile at a transition point between the penetrating core and said fragmenting core.

103. (new) A projectile according to claim 89, wherein the thickness of a wall of the jacket of the projectile decreases from a rear of the projectile to a sharp edge thereof.

104. (new) A projectile according to claim 89, wherein the thickness of a wall of projectile jacket in a narrowing part of the projectile is less than in a cylindrical part.

105. (new) A projectile according to claim 89, wherein the projectile consists of a lead-free material.

106. (new) A projectile according to claim 105, wherein said lead free material is selected from the group consisting of a plastic, a synthetic resin, and a metallic material selected

from the group consisting of copper, tin, zinc, iron, tungsten, silver, aluminum, tantalum, vanadium and an alloy of the metallic materials.

107. (new) A projectile comprising a metallic penetrating core and fragmenting core having a cavity therein to receive a rear of the penetrating core, wherein the penetrating core penetrates said fragmenting core upon impact; wherein the projectile is a partial fragmentation projectile, and wherein the penetrating core is made of a material that is harder than that of the fragmenting core and, as seen in the direction of the trajectory of the projectile, is arranged in front of said fragmenting core, wherein said fragmenting core and said penetrating core are completely surrounded by a jacket lying entirely on the periphery of the partial fragmentation projectile, wherein the shape of a rear of said penetrating core, wherein the shape of the rear of said penetrating core is matched to the respective shape of the recess of fragmenting projectile core and wherein the rear of said penetrating core matched to the nose of said fragmenting core is surrounded by a circular annular surface of the front of the fragmenting projectile and that this circular annular surface is perpendicular to a midline of the partial fragmentation projectile running parallel to a projectile longitudinal axis.

108. (new) The projectile of claim 89, wherein the jacket is around the periphery thereof.

109. (new) A projectile consisting of:

a penetrating core having a front and a rear;

a fragmenting core having a front and a rear; and

a jacket having a rear;

wherein the rear of the jacket is in contact with the rear of the fragmenting core, wherein the rear of the penetrating core is in contact with the front of the fragmenting core; the penetrating core and the fragmenting core are positioned within the jacket, and wherein the projectile is a fragmenting projectile.

110. (new) The projectile of claim 89, wherein the jacket is opened at an end extending beyond the front of the penetrating core.

111. (new) The projectile of claim 87, wherein the open end of the jacket has a projectile tip seated therein.